



---

# **MHS Help Desk Overview for TRICARE Data Quality Course**

**Presenters:  
Government Task Manager  
May 20, 2008**

# Purpose

---

- Information briefing:
  - Provide overview of MHS Help Desk contract scope and current operation including:
    - MHS Tier support structure
    - MHS trouble ticket process
    - Performance metrics/call volume
  - “Partnering” in data quality efforts

# Contract Scope

---

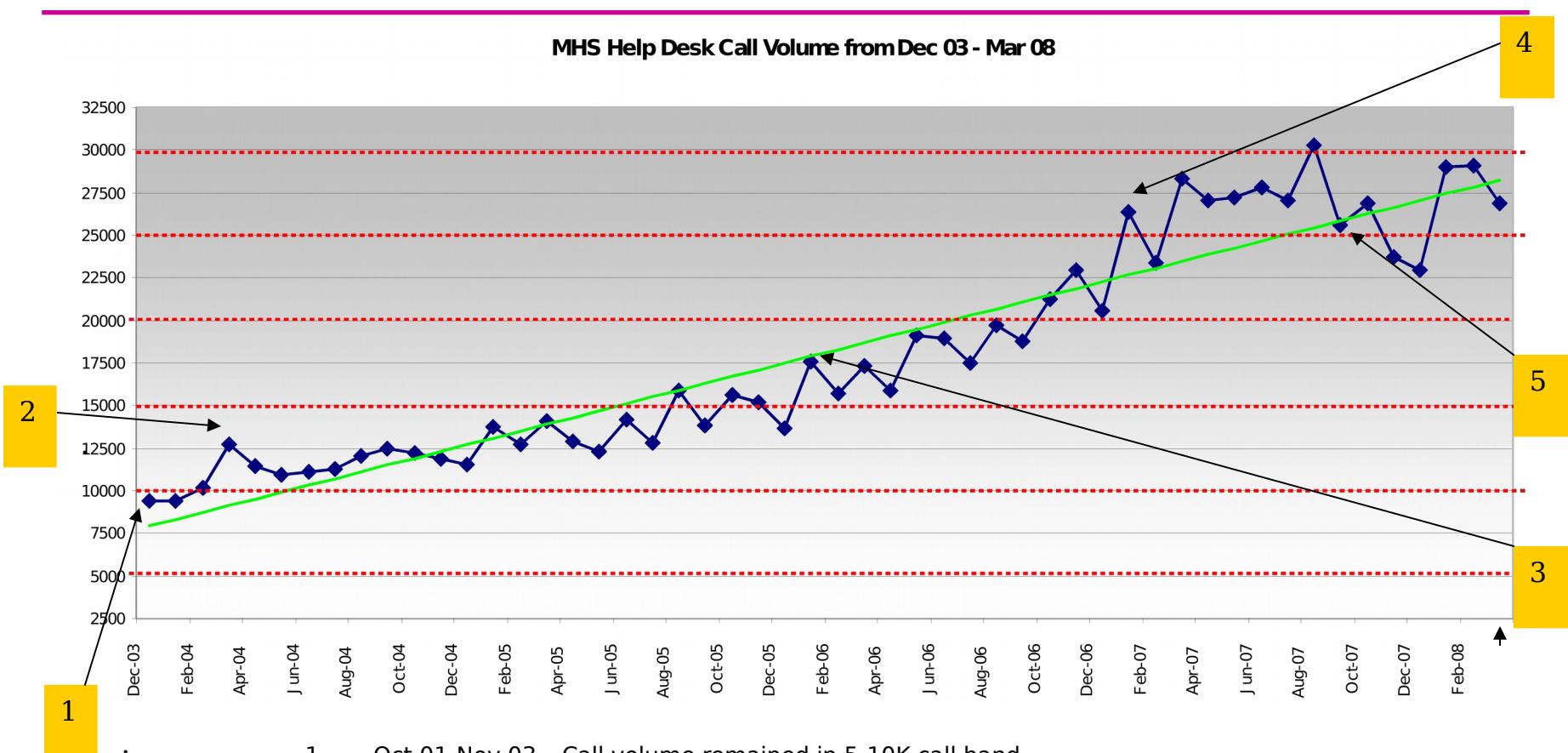
- MHS Help Desk provides Tier I and II (*functional*) support (24 x 7 x 365) for 22 MHS systems/applications
  - CHCS, AHLTA, NMIS, CCQAS, EAS IV, TOL, CCE, TPOCS, DMLSS, DOEHRS-HC/IH/DR, SNPMIS, TMIP, M2, MCFAS, DMHRSi, MHS Learn, etc.
  - + 80 COTS products, devices, interfaces, Service legacies (GEMS, TEWLS)
  - Future: Essentris (CIS), iXP, ICDB, CUD, PharmAssist
- If call does not involve supported application, user helped to “best of our ability”
  - Broken EUD - trouble ticket passed to maintenance vendor/organization
  - B2B Gateway password reset - trouble ticket passed to DISA
  - TRICARE eligibility question - TOL caller referred to DMDC
  - Pharmacy Data Transaction Service (PDTs) - call passed to PDTs HD

# Current Operation

---

- MHS users contact MHS Help Desk with all issues not resolved locally (i.e., at Tier 0 – MTF/site)
  - Issues normally linked to specific application
  - After triage, MHS HD resolves issue or escalates ticket
    - MHS Help Desk resolves 85% of all issues
    - Unresolved issues (15%) include both functional & technical problems
      - Functional issues are escalated to Tier III (software developer)
      - Technical issues emerge as subset of application problems; are forwarded to MHS Network Operations Center (NOC)/DISA
        - » Note: hardware issues often emerge from technical tickets
  - Current business volume (CY08 averages):
    - 28,318 calls/month (7% increase versus CY07)
    - 23,462 trouble tickets/month (10% increase over CY07)

# Call Volume

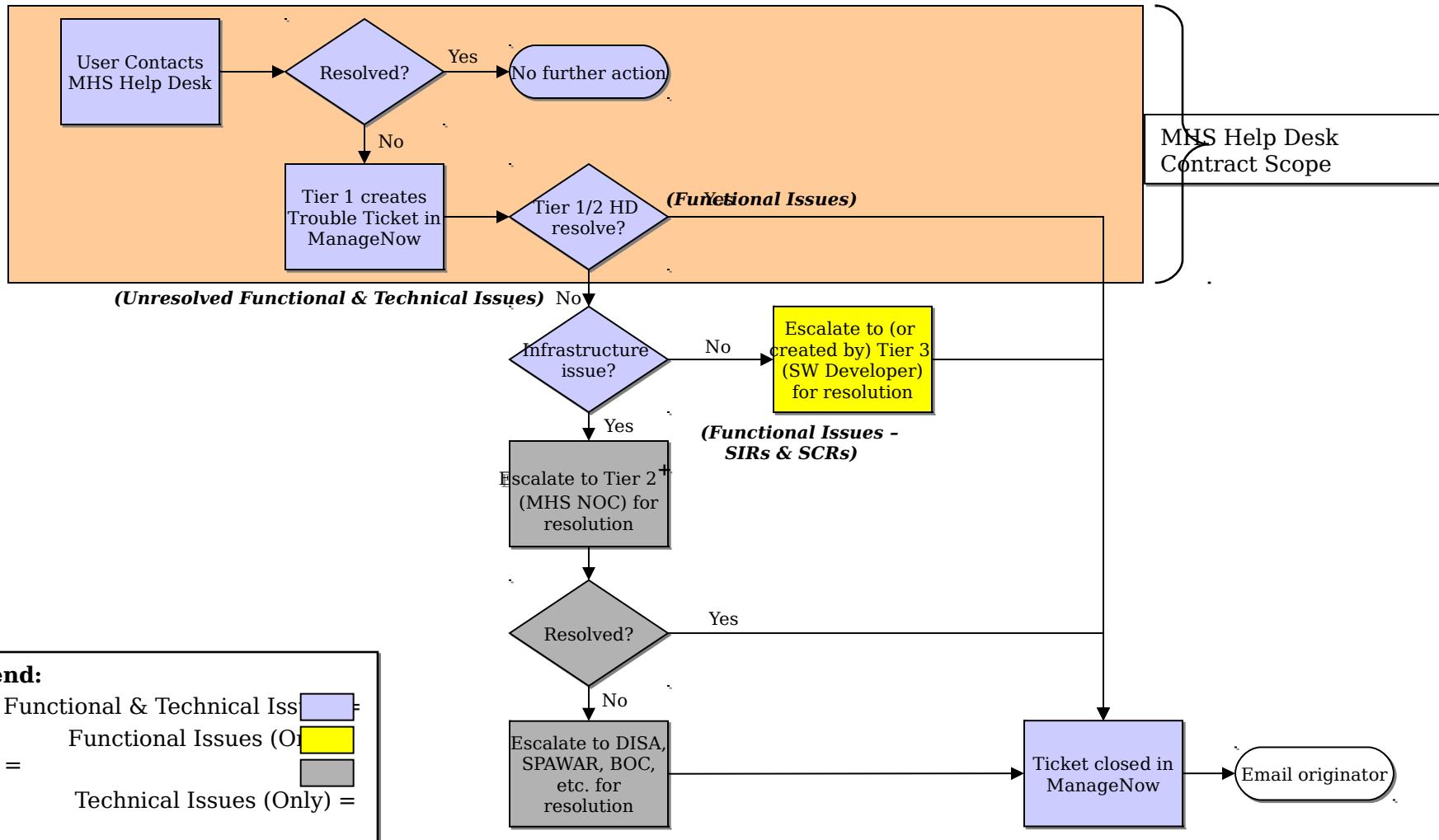


# MHS Tier Support Structure

---

- Tier 0 – Site support
  - Systems/database administrator, local information management departments, or local help desk
- Tier I – MHS Help Desk
  - Log problem and create trouble ticket
  - Initial triage/document symptoms
- Tier II – MHS Help Desk
  - Resolve basic/functional issues (subject matter experts)
- Tier II+ – MHS Network Operations Center (NOC)
  - Address connectivity/infrastructure issues
- Tier III – Software developer or Defense Information Systems Agency (DISA)
  - Address most complex issues

# MHS Help Desk Process



# Trouble Ticket Closure

---

- MHS Help Desk (Tiers I & II)
  - Customer Service Representative (CSR) calls user to confirm issue resolution
  - Trouble ticket closed in ManageNow
    - Triggers E-Mail notification to originator with problem resolution
      - up to 250 characters
  - Customer Satisfaction Survey E-Mailed to ticket originator
- Tier II+ (MHS NOC) and Tier III (software developer/ DISA)
  - Trouble ticket closed in ManageNow
    - Triggers E-Mail notification to originator with problem resolution

# Incentivized Performance Metrics

## (Apr 07 - Mar 08)

Criteria	Acceptable Range	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Customer Satisfaction Survey Return Rate	15 -18%	25%	25%	22%	24%	22%	22%	24%	22%	22%	23%	22%	20%
Customer Satisfaction	85 - 90%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	98%	98%
Call Abandoned Rate	3 - 5%	1%	1%	2%	1%	1%	1%	1%	1%	1%	1%	1%	2%
Average Speed to Answer	20 - 30 seconds	15 sec	22 sec	25 sec	20 sec	22 sec	22 sec	20 sec	22 sec	15 sec	25 sec	26 sec	29 sec
Problem Resolution Rate for High Priority problems/requests	90% within 90 mins	96%	93%	95%	91%	97%	95%	96%	95%	97%	97%	94%	98%
Positive incentive rate 90% within 60 mins		86%	85%	92%	84%	92%	91%	92%	93%	94%	91%	89%	96%
Problem Resolution Rate for Moderate Priority problems/requests	90% within 6 hours	97%	90%	90%	88%	85%	91%	95%	96%	94%	93%	95%	95%
Positive incentive rate 75% within 4 hours		95%	88%	85%	86%	80%	79%	92%	94%	87%	87%	87%	92%
Problem Resolution Rate for Low Priority problems/requests	90% within 3 bus days	87%	93%	94%	95%	96%	93%	94%	96%	96%	97%	97%	97%
Positive incentive rate 50% within 2 bus days		83%	89%	92%	92%	94%	91%	93%	94%	95%	96%	95%	96%
First Contact Resolution	64 - 80%	74%	83%	82%	82%	84%	81%	82%	85%	79%	82%	84%	84%
Call Volume		27.0 K	27.1 K	27.8 K	27.0 K	30.4 K	25.6 K	26.8 K	23.7 K	22.9 K	28.9 K	29.1 K	26.8 K

Green = Positive

Yellow = Acceptable  
No payment

Red = Negative

White =

# “Top 5” MHS Systems (Jan 08 - Mar 08)

---

Total Calls	Total Tickets Created	Month	TOL	AHLTA	DMHRSi	MHS LEARN	CHCS	
28992	24543	Jan-08	7992	3617	3601	3121	2358	<b>20689</b>
29101	23945	Feb-08	7481	3953	3959	2814	1838	<b>20045</b>
26860	21897	Mar-08	5851	4503	3692	2704	1851	<b>18601</b>
Totals			<b>21324</b>	<b>12073</b>	<b>11252</b>	<b>8639</b>	<b>6047</b>	
		Month	TOL	AHLTA	DMHRSi	MHS LEARN	CHCS	
		Jan-08	33%	15%	15%	13%	10%	<b>84%</b>
		Feb-08	31%	17%	17%	12%	8%	<b>84%</b>
		Mar-08	27%	21%	17%	12%	8%	<b>85%</b>

Mar counts In comparison to previous 3 months: TOL, AHLTA, DMHRSi, and MHS Learn increased from 20,536 (4%), 11,511 (5%), 10,482 (7%) and 8,398 (3%) respectively, CHCS decreased from 7,047 (14%) respectively.

# “Partnering”

---

- MHS Help Desk supports the applications that code encounters, create third party bills and document MTF workload
  - TPOCS, CCE, ADM, CHCS, EAS IV, AHLTA, etc.
- We support TMA data quality improvement efforts
  - MHS Help Desk will assist in every way possible

---

# Backup Information

# Contact Information

---

- MHS Help Desk:
  - Telephone toll free (1-800-600-9332)(CONUS) or by using country access code (OCONUS)
  - Fax: (210) 767-0449
  - E-Mail: Help@mhs-helpdesk.com
  - Via website (<http://www.mhs-helpdesk.com>)

# Acronym Definitions

---

- ADM - Ambulatory Data Module
- B2B - Business to Business
- CCE - Coding and Compliance Editor
- CCQAS - Centralized Credentials and Quality Assurance System
- CHCS - Composite Health Care System
- CIS - Clinical Information System
- CONUS - Continental United States
- CSR - Customer Service Representative
- CY - Calendar Year
- DISA - Defense Information Systems Agency
- DMDC - Defense Manpower Data Center
- DMHRSi - Defense Medical Human Resources System *internet*
- DMLSS - Defense Medical Logistics Standard System
- DOEHRS-HC - Defense Occupational and Environmental Health Readiness System - Hearing Conservation
- DOEHRS-IH/DR - DOEHRS - Industrial Hygiene/Data Repository
- EAS IV - Expense Assignment System IV
- EUD - End User Device
- GEMS - Global Expeditionary Medical System
- HD - Help Desk
- M2 - MHS Management Analysis and Reporting Tool
- MCFAS - Managed Care Forecasting and Analysis System
- MHS - Military Health System
- MHS NOC - MHS Network Operations Center
- MTF - Military Treatment Facility
- NMIS - Nutritional Management Information System
- OCONUS - Outside Continental United States
- PDTS - Pharmacy Data Transaction Service
- SCR - Software Change Request
- SIR - System Incident Report
- SNPMIS - Special Needs Program Management Information System
- SPAWAR - Space and Naval Warfare Systems Command
- SW - Software
- TEWLS - Theater Enterprise-Wide Logistics System
- TMA - TRICARE Management Activity
- TMIP - Theater Medical Information Program
- TOL - TRICARE Online
- TPOCS - Third Party Outpatient Collection System
- TRICARE - Tri-Service Health Care